

1           **What is claimed is:**

2           1. A media selection system comprising a coupler mounted on a  
3           plunge assembly of a cartridge retrieving device, the coupler slidably engaging  
4           a storage medium as the cartridge retrieving device moves relative to the  
5           storage medium.

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7           2. The system of claim 1, wherein the cartridge retrieving device  
8           moves relative to the storage medium by moving the cartridge retrieving device.

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10          3. The system of claim 1, wherein the cartridge retrieving device  
11          moves relative to the storage medium by moving the storage medium.

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13          4. The system of claim 1, wherein the cartridge retrieving device  
14          moves relative to the storage medium by moving both the cartridge retrieving  
15          device and the storage medium.

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17          5. The system of claim 1, further comprising a mating coupler  
18          provided on the storage medium, the coupler engaging the mating coupler.

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21          6. The system of claim 1, wherein the coupler includes a head  
22          portion, the head portion sliding into a channel formed behind tab portions on  
23          the storage medium to engage the storage medium.

1       7. The system of claim 1, wherein the coupler includes a disc-  
2 shaped head portion, the disc-shaped head portion sliding into a channel formed  
3 behind tab portions on the storage medium to engage the storage medium.  
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5       8. The system of claim 1, wherein the coupler includes a neck  
6 portion and a head portion, the neck portion moving the head portion into an  
7 enlarged channel formed on the storage medium to engage the storage medium.  
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9       9. The system of claim 1, wherein the storage medium is selected  
10 from the group consisting of removable hard disk drives, optical media, and  
11 magnetic tape media.  
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14       10. The system of claim 1, further comprising a control system  
15 operatively associated with the cartridge retrieving device to control movement  
16 of the cartridge retrieving device.  
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19       11. The system of claim 1, further comprising a control system to  
20 position the cartridge retrieving device based on computer-readable  
21 instructions.  
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24       12. The system of claim 1; wherein the coupler is mounted stationary  
25 on the plunge assembly.  
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1           13. A method comprising slidably engaging a storage medium with a  
2 cartridge retrieving device as the cartridge retrieving device moves relative to  
3 the storage medium.  
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5           14. The method of claim 13, further comprising engaging a storage  
6 medium with a stationary coupler on the cartridge retrieving device.  
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8           15. The method of claim 13, further comprising moving a coupler on  
9 the cartridge receiving device into a channel formed in the storage medium to  
10 engage the storage medium.  
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13           16. The method of claim 13, further comprising moving a coupler on  
14 the cartridge receiving device out of a channel formed in the storage medium to  
15 disengage the storage medium.  
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18           17. The method of claim 13, further comprising releasing the storage  
19 medium as the cartridge retrieving device slides out of engagement with the  
20 storage medium.  
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23           18. The method of claim 13, further comprising engaging a mating  
24 coupler on the storage medium.  
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19. The method of claim 13, wherein engaging a storage medium  
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comprises sliding a coupler on the cartridge receiving device into an enlarged  
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area formed in the storage medium.  
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1           20. A system comprising:

2           means for transporting a storage medium in a storage system; and

3           means for slidably engaging a storage medium as the means for

4           transporting the storage medium moves relative to the storage medium in the

5           storage system.

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7           21. The system of claim 20, further comprising means for slidably

8           releasing the storage medium as the means for transporting the storage medium

9           moves relative to the storage medium in the storage system.

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